

# Emergency preparedness test in Norwegian fish distribution chains

Traceability of Fish and Fish Products:  
Technologies and Management  
Systems

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# Emergency preparedness test in fish distribution chains

## ■ Project goal:

- Check the status of the chain traceability solutions in the Norwegian fish industry
- Propose measures for improving current practice

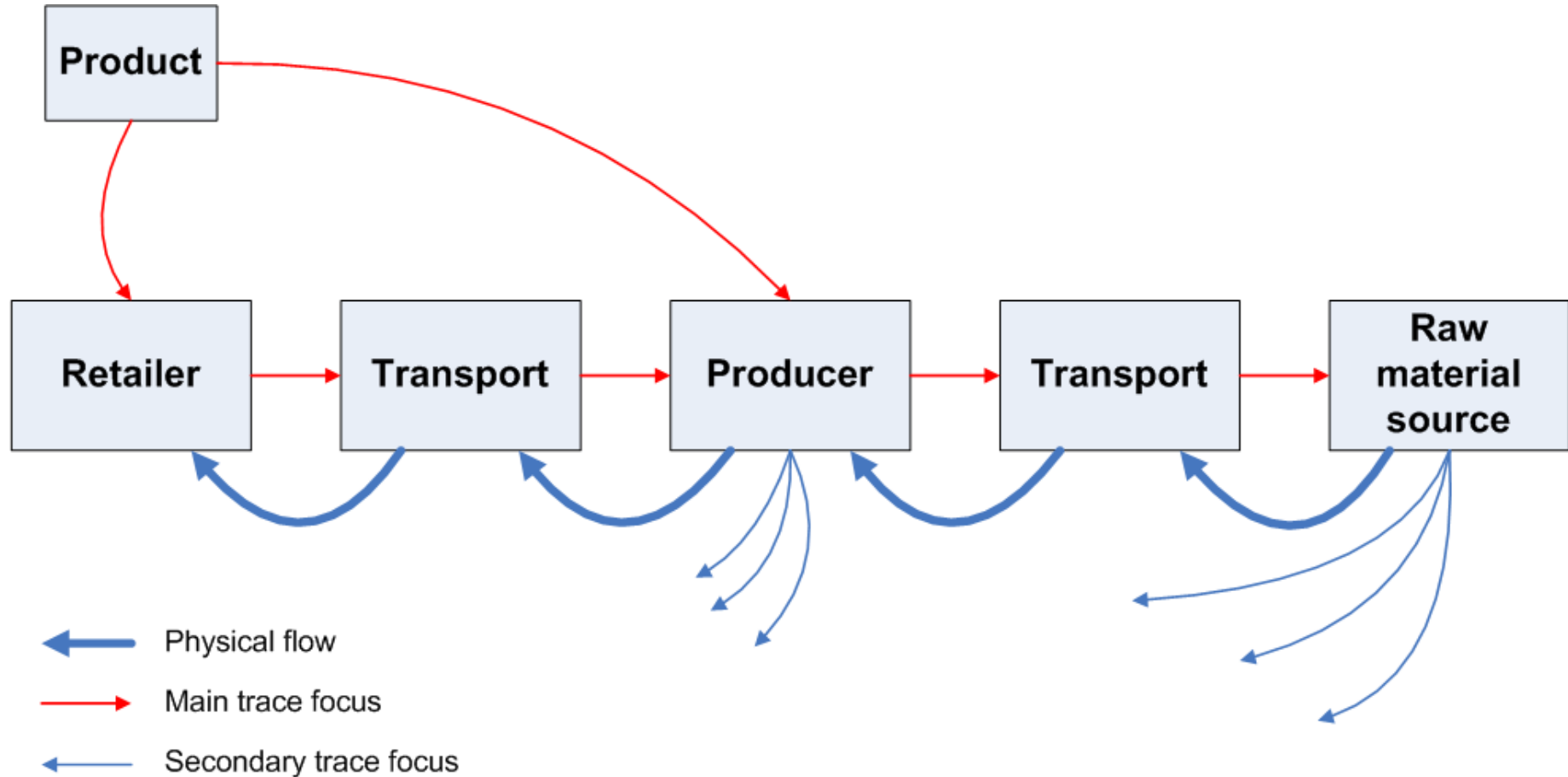
## ■ Method:

- 16 products were bought in different stores during the autumn of 2004
- Based on the information on the consumer package, try to trace back to the raw material source (fish farm or fishing vessel)
- When information is not present contact the producer and try to get the information desired

# Sub goals – not fulfilled

- Trace forward to identify other products from same origin
- Try to find out if process data are linked to traceable units
- This was too time consuming since achievement of main goal extensive

# Survey method



# Test log – number of requests and time consumption

## BEREDSKAPSTEST FOR MATVARETRYGGHET

### Sporingslogg

Dato for innkjøp 28.05.2004  
Sted for innkjøp Coop Obs Lade, Trondheim

Trinn 0: Informasjon på forbrukerpakning

Produkt Enghav seilfilet ca. 625g fryseware

Produktnummer 7021860062116

Produsent Norge/EFTA SF-114

Produksjonsdato Ukjent

Best før dato 29.04.2005

Kontaktinformasjon Domstein Enghav Norge AS, Pb 24 1592 Våler i Østfold, tlf 6928 8888, fax 6928 8890

Trinn	Informasjonskilde	Hjelpemiddel		Kontaktperson	Dato	Tlf start	Tlf slutt
1	Domstein Enghav Norge AS	Telefon	69288888				
2	Domstein Enghav Norge AS	Telefon (ringte tilbake)					
3	Domstein Enghav Norge AS	Telefon (ringte tilbake)					
4	Domstein Enghav Måløy	Telefon	57855800				
5	Domstein Enghav Måløy	Telefon (ringte tilbake)					

# Use of TraceFish forms

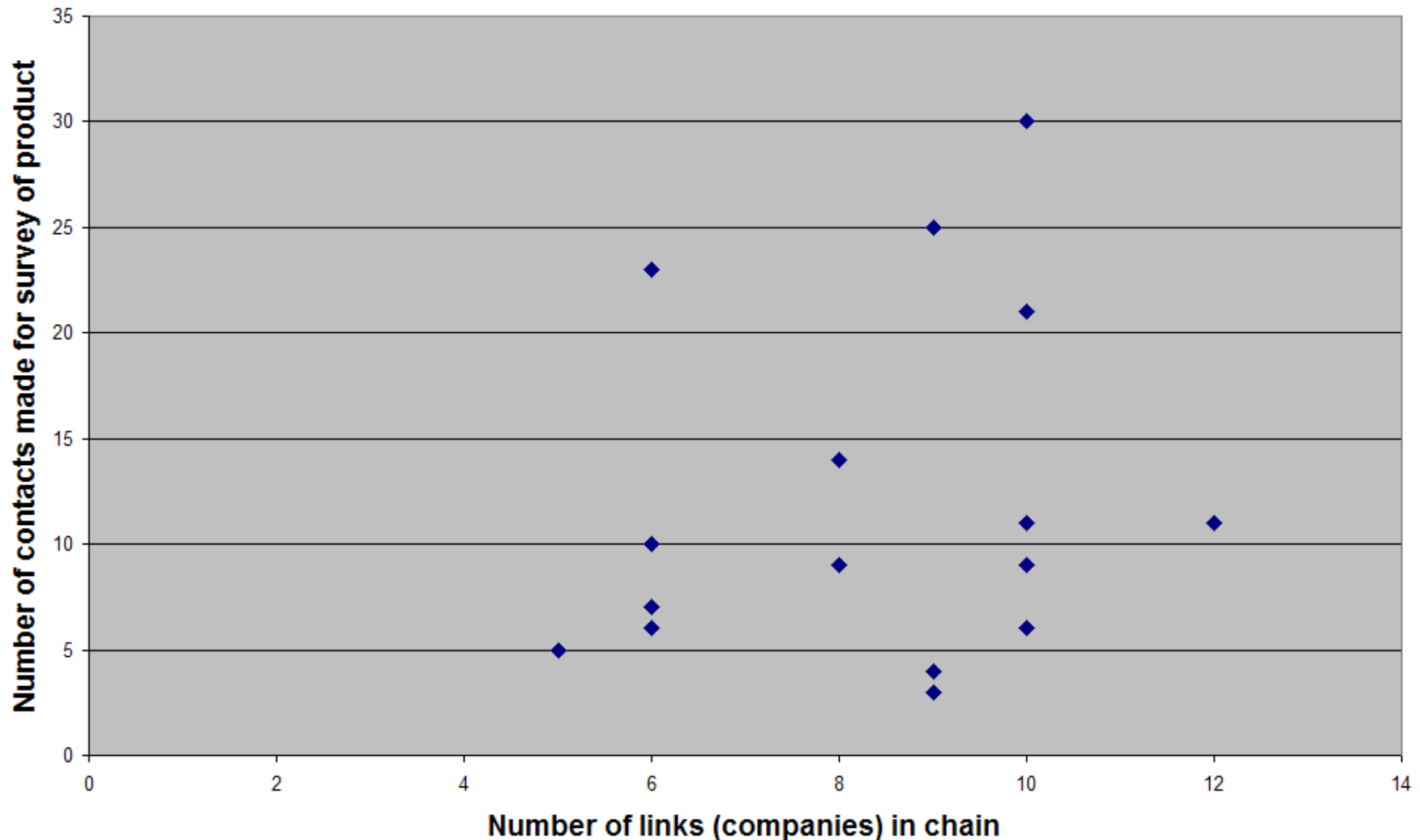
**Table 3 — Detailed information requirements for fish farms**

Data element		Description	Examples	Categorisation		
				Shall	Should	May
FISH FARMS						
FFF01	Food business ID	Name and address or GLN (n3+n13) of food business that operates fish farm establishment	Fjord Harvest Ltd 67345 Bergen Norway	x		
FFF02	Fish farm establishment ID	Name, address and registration number or GLN (n3+n13) of fish farm establishment	Fjord Harvest Ocean site 2 67345 Bergen Norway NTFS0003 NO	x		
FFF03	Fish farm GMP certification	Names of fish quality or food safety GMP schemes by which fish farm is certified	Debio			x
FOR EACH UNIT RECEIVED						
Identities						
FFF04	Unit ID	SSCC (n2+n18) (if received as a logistic unit) or GTIN+ (n2+n14+AI's) (if received as a separate trade unit)	GTIN+: (01) 07012345000001 (10) 0000000125	x		
FFF05	Trade unit IDs	If received as a logistic unit, the IDs of the trade units within the logistic unit. List of GTIN+ (n2+n14+AI's)	List of GTIN+	x		
Source						
FFF06	Previous Food Business ID	Name, address or GLN (n3+n13) of previous food business from whom the unit was received. (Hatchery or transporter, etc.).	Salmogen Breeding station 1 1234 Trondheim Norway	x		
FFF07	Date and time of reception		2002-09-28T12:00	x		
Control checks (either on logistic or separate trade units)						
FFF08	Temperature check	Temperature °C i.e. in received unit	4,0 °C		x	

# More systematically look for

- Name/address brand owner/producer
- Telephone number consumer service
- GTIN
- Batch number
- Production date/ Best before date
- Origin
- Species
- GMO
- (Additives)
- (Allergens - nuts, milk, etc)

# Number of contacts related to number of links for each chain





# Project results – Emergency preparedness

- It was possible to trace to the raw material source(s) for about 60% of the products
- The tracing was to a large extent dependent on the availability of key personnel
- The necessary information for tracing one up/one down was mostly paper based, and it took time to go through it
- The TraceFish standard is not well enough known

# Changes needed:

To improve traceability, it is necessary to do:

## ■ Standardization

- Harmonize Good Traceability Practice (mainly TraceFish)
- Use standard number series (trade unit, logistic unit) (GS1)
- Standardized information exchanged

## ■ Training of personnel